

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	103	("20010020545" "20020027022" "4295700" "4297312" "4867042" "4876042" "4916002" "4949455" "4968585" "5101553" "5317255" "5338178" "5345365" "5418471" "5475318" "5478779" "5484964" "5686317" "5789140" "5795162" "5820014" "5834945" "5860818" "5915977" "5926375" "5939817" "5994152" "6033935" "6049976" "6059982" "6078186" "6107109" "6114240" "6232143" "6242803" "6246245" "6255126" "6294837" "6300780" "6356098" "6426638" "6462575" "6475822" "6491968" "6520778" "6525555" "6767219" "6814584" "6830460" "6871307" "6897666" "6953348" "RE00000").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:03
L2	203	324/761,762.ccls. and (compliant or elastomer\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 18:18
L3	1	"20050229393"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 17:52
L4	1	"20050230811"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 18:12
L5	4	((("5421763") or ("5926029") or ("5483741") or ("6016060")).PN.	USPAT	OR	OFF	2007/03/13 18:13
L6	4	((("5821763") or ("5926029") or ("5483741") or ("6016060")).PN.	USPAT	OR	OFF	2007/03/13 18:14
L7	1	("6767219").PN.	USPAT	OR	OFF	2007/03/13 18:14
L8	2	((("5686317") or ("6778406")).PN.	USPAT	OR	OFF	2007/03/13 18:15
L9	1	("6767219").PN.	USPAT	OR	OFF	2007/03/13 18:15
L10	2	((("5625298") or ("6630839")).PN.	USPAT	OR	OFF	2007/03/13 18:15
L11	3	"6953348"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 18:19
L12	11	re27089	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 18:19

JR = inter-lateral search

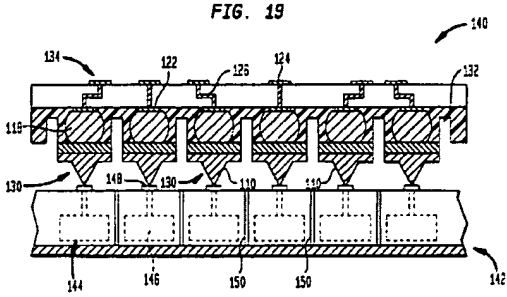
U.S. Patent

Jul. 1, 2003

Sheet 6 of 6

US 6,586,955 B2

FIG. 19



US-PAT-NO: 6586955

DOCUMENT-IDENTIFIER: US 6586955 B2

See image for Certificate of Correction

TITLE: Methods and structures for electronic probing arrays

Detailed Description Text - DETX (14):

The flowable material used to form compliant layer 128 should be capable of flowing, prior to cure, at temperatures below the melting temperature of the ULMS of core elements 118. To assure complete filling of space by the flowable material, the flowable material may be injected under pressure. Also, the space may be evacuated prior to injection of the flowable material. Techniques for evacuation of a space between a flexible sheet and wafer and for injection of flowable, curable materials into such a space are further disclosed in International Patent Publication No. 96/02068 and U.S. Pat. No. 5,913,109, both of which are incorporated herein by reference. Suitable flowable materials for forming the compliant layer 128 include polymer compositions which are initially in the form of liquids but which cure by chemical reaction of their ingredients to form a solid or gel. Among the compositions that can be used are silicones, epoxies and urethanes. Particularly suitable compositions include silicone elastomers of the type sold under the designation Sylgard.RTM. 577 by the Dow Corning Corporation of Midland, Mich., Dow Corning.RTM. 6811 microelectronic encapsulant and flexibized epoxies. The reaction-curable material may be provided as two mutually reactive components which are mixed immediately prior to introduction of the material into the space and which react spontaneously with one another at ambient temperature. Other reactive polymer compositions can be activated by application of ultraviolet light. The curing step can also be initiated or accelerated by heating the reactive polymer composition. Some or all of the curing step may entail temperatures above the melting temperature of the fusible material in core elements 118.

Current US Cross Reference Classification - CCXR (1):

324/761

Details

Text

Image

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KWIC

EAST Advanced Find

Find what: 36

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FIG.5

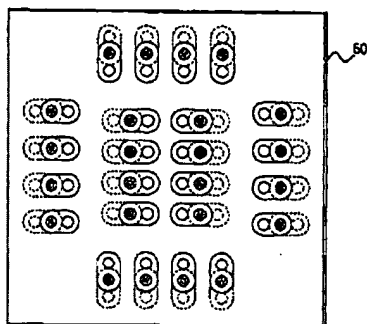


FIG. 6

US-PAT-NO: 7126364
DOCUMENT-IDENTIFIER: US 7126364 B2
TITLE: Interface comprising a thin PCB with protrusions for testing an integrated circuit
DATE-ISSUED: October 24, 2006
PRIOR-PUBLICATION-INFORMATION:
DOCUMENT-IDENTIFIER DOCUMENT-DATE
US 20060033511 A1 February 16, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jardin-Lemagnen; Free	Caen	N/A	N/A	FR
Savin; Emmanuel	Soulangy	N/A	N/A	FR
Leruez; Se	Caen	N/A	N/A	FR

ASSIGNEE INFORMATION:

NAME	CITY	STATE	ZIP	COUNTRY	TYPE
			CODE		CODE
Koninklijke Philips Electronics, N.V.	Eindhoven	N/A	N/A	NL	03

APPL-NO: 10/527108

DATE FILED: September 4, 2003

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY APPL-NO APPL-DATE

FR 02 11243 September 11, 2002

PCT-DATA:

APPL-NO	DATE-FILED	PUB-NO	PUB-DATE	371-DATE
PCT/IB03/03899	September 4, 2003	WO20/04/025309	Mar 25, 2004	Mar 8, 2005

INT-CL-ISSUED:

TYPE	IPC DATE	IPC-OLD
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Details Text Image HTML FULL

1. Name of the person or organization: Mr. J. Edgar Hoover

EAST Advanced Find

Find what: \$1		Find Next		testing	324
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		<input type="radio"/> Right			conductor
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Details | Text | Image | HTML

For
10/79, 195

5,090,118



US-CL-ISSUED: 29/843 , 29/846 , 324/158P

Details				Text		Image		HTML		FULL		
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300	<input type="checkbox"/>	<input type="checkbox"/>	US 4975638 A	19901204	10	Integrated circuit package carrier					324/	
301	<input type="checkbox"/>	<input type="checkbox"/>	US 4963225 A	19901016	5	Test probe assembly for testing integrated circuit					324/	
302	<input type="checkbox"/>	<input type="checkbox"/>	US 4956604 A	19900911	10	Method of fabricating a contact device					216/	
303	<input type="checkbox"/>	<input type="checkbox"/>	US 4956604 A	19900911	10	Broad band contactor					324/	

For
10/29/195